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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/099,882
	Filing Date	March 13, 2002
	First Named Inventor	Irwin Hei-Wai To
	Art Unit	2833
	Examiner Name	Alexander Gilman
Total Number of Pages in This Submission	Attorney Docket Number	HYAIR-59529

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<b>Request for Cert of Correction (w/ supporting docs)</b>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	<b>Cert of Correction</b>
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	<b>\$100 check</b>
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		<b>Return receipt postcard</b>
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
CUSTOMER NO. 24201		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	FULWIDER PATTON LEE & UTECHT, LLP
Signature	
Date	March 14, 2005

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the			
Typed or printed name	JAMES W. PAUL		
Signature		Date	March 14, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

IRWIN HEI-WAI TO ET AL.

Patent No.: 6,837,744 B2

Issued: January 4, 2005

Serial No: 10/099,882

Filed: March 13, 2002

For: ELECTRICAL CONNECTOR FOR  
AIRCRAFT FUEL PUMPS

Examiner: Alexander Gilman

Group Art Unit: 2833

Client ID/Matter No: HYAIR 59529

March 14, 2005

Los Angeles, California 90045

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The above-identified patent has been found to have the errors set forth in the enclosed Certificate of Correction. It is requested that this Certificate of Correction be issued and returned to us. Since these errors occurred in both the final printing phase of the patent and in the final application, a check in the amount of \$100.00 is enclosed to cover the necessary fees. Should the Office determine that additional fees are needed, please charge Deposit Account No. 06-2425.

The errors are verifiable in the patent application file as follows:

ERROR

VERIFICATION

Title Page and Sheet 1 replace informal drawings with formal drawings

Formal drawings. See Attachment A.

Title Page, Item (56), **References Cited**, under U.S. PATENT DOCUMENTS, insert the following:

Supplemental Information Disclosure Statement dated June 18, 2003. See Attachment B.

--5,017,740 A 5/1991 Honkomp  
et al.  
5,584,716 A 12/1996 Bergman--.

Under FOREIGN DOCUMENTS, insert the following:

--EP 450,153 A 10/1991  
FR 2,790,334 A 9/2000  
EP 03250801 Search Report dated  
5/2003--.

Under OTHER PUBLICATIONS, insert the following:

Supplemental Information Disclosure Statement dated June 13, 2002. See Attachment C.

--Airworthiness Directives, Dept. of  
Trans., Federal Aviation  
Administration, 14 CFR part 39;  
FAA News, Federal Aviation  
Administration, APA 159-97,  
November 26, 1997;  
Boeing Service Bulletin, 747  
28a2194, ATA 24-44-39<sup>th</sup>, AIEM  
1998--.

Column 3, line 28, delete "Coming" and insert --Corning--.

Application filed on March 13, 2002. See Attachment D.

These errors occurred in good faith and correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. It is requested that a Certificate of Correction be issued and returned to us.

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

A duplicate of this document is attached.

Respectfully submitted,

FULWIDER PATTON LEE & UTECHT, LLP

By: 

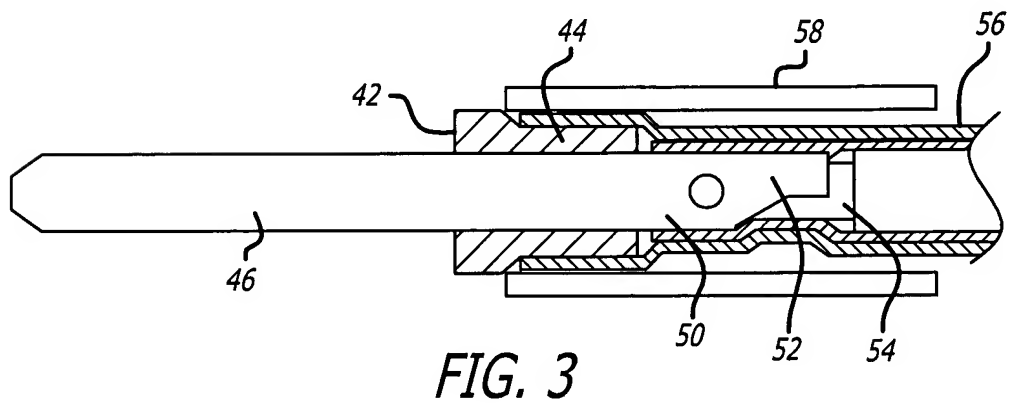
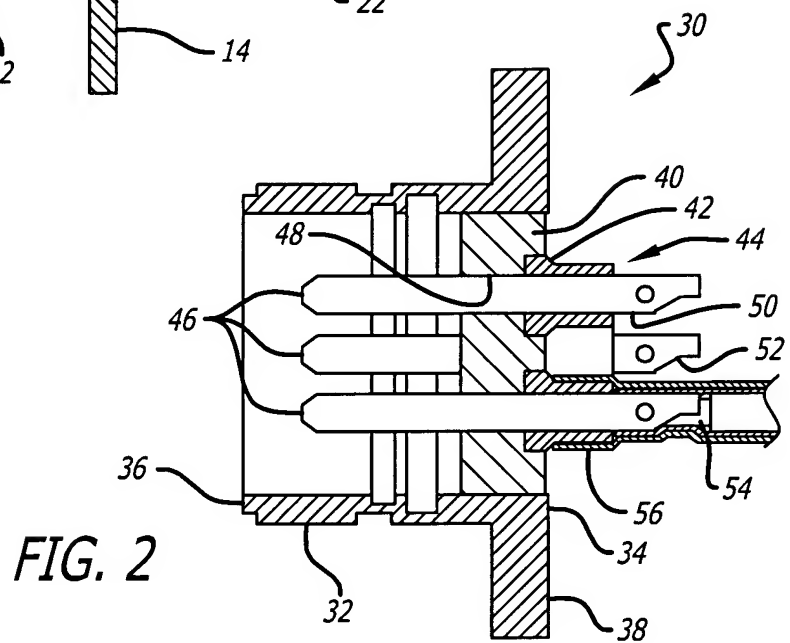
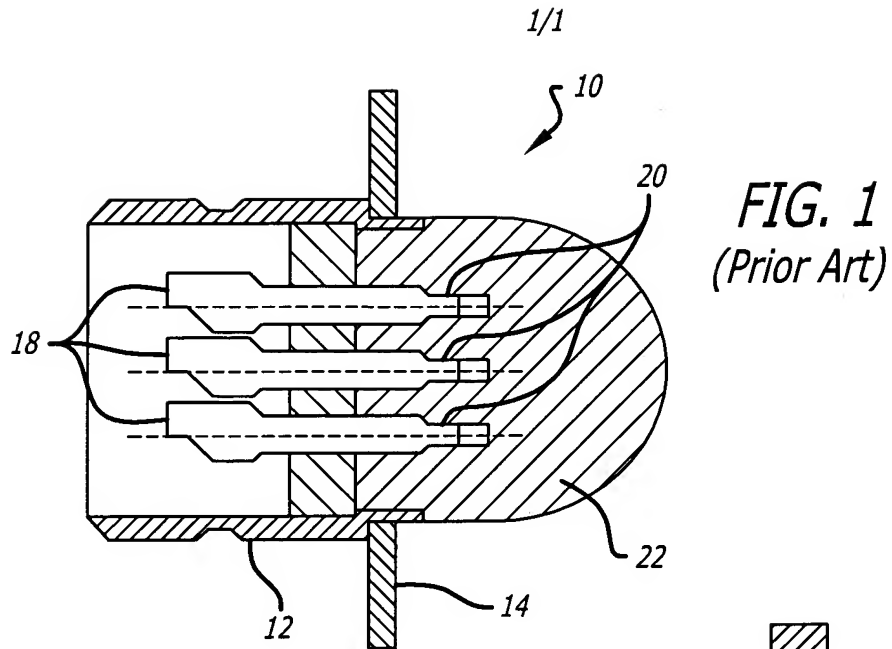
James W. Paul

Registration No. 29,967

JWP:ck

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82804.1



Substitute for form 1449A/PTC

MAR 21 2005

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	10/099,882
Filing Date	March 13, 2002
First Named Inventor	Irwin Hei-Wai To, et al.
Art Unit	2833
Examiner Name	Alexander Gilman
Attorney Docket Number	HYAIR:59529

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Alex Gilman

Date	
Considered	

09/12/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Complete if Known**

<b>Application Number</b>	10/099,882
<b>Filing Date</b>	March 13, 2002
<b>First Named Inventor</b>	Irwin Hei-Wai To, et al.
<b>Group Art Unit</b>	2833
<b>Examiner Name</b>	Alexander Gilman
<b>Attorney Docket Number</b>	HYAIR-59529

*(use as many sheets as necessary)*

Sheet 2 of 2

[illegible]

09/12/03

<sup>1</sup> Applicant's unique citation designation number (optional).      <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

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PATENT  
Atty. Docket No. HYAIR:59529

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

IRWIN HEI-WAI TO

Application No. 10/099,882

Filed: March 13, 2002

For: ELECTRICAL CONNECTOR FOR  
AIRCRAFT FUEL PUMPS

Group Art Unit 2833

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with sufficient postage as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231 on June 13, 2002.

David G. Parkhurst, Registration No. 29,422  
Attorney for Applicant

June 13, 2002  
Los Angeles, CA 90045

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure, Form PTO-FB-A820 is enclosed in order to inform the Examiner of art which may be material to patentability of the invention. Copies of the listed references have been enclosed. The Examiner is requested to consider and cite the references in the examination.




Serial No. 10/099,882

PATENT

It is believed that no fee is due in connection with this matter. However if a fee is due, please charge our deposit account no. 06-2425. A duplicate of this statement is enclosed.

Respectfully submitted,

FULWIDER PATTON LEE & UTECHT, LLP

By   
David G. Parkhurst, Reg. No. 29,422

DGP:rvw

Enc.: Return Postcard  
Form PTO-FB-A820  
References (3)

Howard Hughes Center  
6060 Center Drive  
Tenth Floor  
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Facsimile: (310) 824-9696

Customer No. 24201

June 13, 2002

Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

HYAIR 59529

SERIAL NO.

10/099,882

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT Irwin Hei-Wai To, et al.

FILING DATE

March 13, 2002

GROUP

2833

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Airworthiness Directives, Department of Transportation, Federal Aviation Administration, 14 CFR Part 39 [62 FR 5748 NO. 26 02/07/97]
	FAA News, Federal Aviation Administration, APA 159-97, November 26, 1997
	Boeing Service Bulletin, 747 28a2194, ATA 24 - 44 - 39th, AIEM 1998

EXAMINER

DATE CONSIDERED

EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

[241108.1]

Form PTO-FB-A820

(also form PTO-1449)

of the invention is configured to increase the distance between connector pins and grounded portions of the shell, to thus increase the electrical current path of any potential arc. The outer radial connector flange is preferably 0.180 inch thick, which is 0.100 inch thicker than the outer radial connector flange of a conventional electrical connector. A glass electrical insulating plug 40 is mounted in the first end of the cup-shaped connector shell, forming a hermetic seal of the first end of the cup-shaped connector shell, and is preferably 0.065 inch thicker than the glass insulating plug of the conventional electrical connector. A plurality of tubular risers 42 are mounted to the glass insulating plug at the first end of the connector shell, each having a portion 44 extending from the first end of the connector shell. The tubular risers are typically constructed of an electrical insulating ceramic material, such as the machinable glass ceramic available from Corning under the trade name "MACOR."

A plurality of connector pins 46 are mounted in apertures 48 of the glass insulating plug, and extend longitudinally through corresponding tubular risers, and through the connector shell. Each of the connector pins includes a portion 50 that extends from the corresponding tubular riser at the first end of the connector shell, with a solder cup 52 located at the first end of the connector shell for receiving a corresponding electrical cable 54. A plurality of electrically insulated electrical cables 54 are typically connected to corresponding connector pins, respectively. At least one additional outer layer of electrical insulating tubing 56 is provided to cover at least a portion of at least one of the risers extending from the first end of the connector shell, a corresponding one of the portion of the connector pins extending from the corresponding tubular risers at the first end of the connector shell, and a corresponding one of the plurality of electrical cables, to provide additional electrical insulation and strain relief at the connection of the electrical cables to the connector pins. The insulating tubing is typically a heat shrunk tubing, such as a cross-linked fluoropolymer tubing

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,837,744 B2

DATED : January 4, 2005

INVENTOR(S) : Irwin Hei-Wai To et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, Item (56), **References Cited**, under U.S. PATENT DOCUMENTS, insert the following:

--5,017,740 A 5/1991 Honkomp et al.  
5,584,716 A 12/1996 Bergman--.

Under FOREIGN DOCUMENTS, insert the following:

--EP 450,153 A 10/1991  
FR 2,790,334 A 9/2000  
EP 03250801 Search Report dated 5/2003--.

Under OTHER PUBLICATIONS, insert the following:

--Airworthiness Directives, Dept. of Trans., Federal Aviation Administration, 14 CFR part 39;  
FAA News, Federal Aviation Administration, APA 159-97, November 26, 1997;  
Boeing Service Bulletin, 747 28a2194, ATA 24-44-39<sup>th</sup>, AIEM 1998--.

Column 3, line 28, delete "Coming" and insert --Corning--.

MAILING ADDRESS OF SENDER:

**James W. Paul  
Fulwider Patton Lee & Utecht LLP  
6060 Center Drive, 10<sup>th</sup> Floor  
Los Angeles, CA 90045**

PATENT NO. 6,837,744 B2

No. of additional copies

Page 1 of 2

This collection of information is required by 37 CFR 1.322 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief of Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

